

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 22, line 13 with the following amended paragraph:

FIG. 7 is a graph illustrating an example of transmit antenna diversity scheme switching points based on a channel speed according to an embodiment of the present invention. A speed axis ~~[Km]~~[Km/h] and a speed estimation parameter β axis are shown in FIG. 7. In FIG. 7, the transmit antenna diversity scheme switching point $T_{\beta 1}$ is mapped to a point where the channel speed is ~~20[Km]~~20 Km/h, and the transmit antenna diversity scheme switching point $T_{\beta 2}$ is mapped to a point where the channel speed is ~~70Km~~70 Km/h. As mentioned above, the speed estimation parameter β has a value of $0 \leq \beta \leq 1$, so the speed estimation parameter β is valid only in a section having a value ranging from 0 to 1.